**ATTORN** 

CKET NO. 10005745-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

	D PRINTING WITH REWRI			
the specification of which i		_		
	as US App			
Number	and was amend	led on	(if applicab	le).
hereby state that I have notuding the claims, as an disclose all information white Foreign Application(s) and/or Claim hereby claim foreign priority bernventor(s) certificate listed below	nended by any amendmentich is material to patentable mof Foreign Priority nefits under Title 35, United State and have also identified below a	at(s) referred to above lity as defined in 37 of tes Code Section 119 of any foreign application for	ve. I acknow led CFR 1.56. any foreign applicat	ion(s) for pater
a filing date before that of the app	APPLICATION NUMBER	med:  DATE FILED	PRIORITY CLAIMED L	INDED 35 II S C 11
COUNTRY	AFFEIGATION NUMBER	DATETIEB	YES:	NO:
			YES:	NO:
Provisional Application			123.	
	APPLICATION NUMBER	FILING DATE		
U. S. Priority Claim			States applications	S) listed below
U. S. Priority Claim I hereby claim the benefit under insofar as the subject matter of a manner provided by the first parainformation as defined in Title 37 application and the national or PC	Title 35, United States Code, Seeach of the claims of this applicates agraph of Title 35, United States, Code of Federal Regulations, See	ection 120 of any United ation is not disclosed in the Code Section 112, I acknowled the code 1.56(a) which occu	ne prior United State knowledge the duty	es application in to disclose ma
I hereby claim the benefit under insofar as the subject matter of o manner provided by the first para information as defined in Title 37	Title 35, United States Code, Seeach of the claims of this applicates agraph of Title 35, United States, Code of Federal Regulations, See	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occu application:	ne prior United State knowledge the duty	es application in to disclose mai ing date of the
I hereby claim the benefit under insofar as the subject matter of a manner provided by the first para information as defined in Title 37 application and the national or PC	Title 35, United States Code, Soleach of the claims of this applicate agraph of Title 35, United States, Code of Federal Regulations, Sole Tinternational filing date of this	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occu application:	ne prior United State knowledge the duty krred between the fill	es application in to disclose mai ing date of the
I hereby claim the benefit under insofar as the subject matter of a manner provided by the first para information as defined in Title 37 application and the national or PC	Title 35, United States Code, Soleach of the claims of this applicate agraph of Title 35, United States, Code of Federal Regulations, Sole Tinternational filing date of this	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occu application:	ne prior United State knowledge the duty krred between the fill	es application in to disclose mat ing date of the
I hereby claim the benefit under insofar as the subject matter of a manner provided by the first para information as defined in Title 37 application and the national or PC	Title 35, United States Code, Soleach of the claims of this applicate agraph of Title 35, United States, Code of Federal Regulations, Sole Tinternational filing date of this	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occu application:	ne prior United State knowledge the duty krred between the fill	es application in to disclose mat ing date of the
I hereby claim the benefit under insofar as the subject matter of a manner provided by the first para information as defined in Title 37 application and the national or PC	Title 35, United States Code, Steach of the claims of this applications agraph of Title 35, United States, Code of Federal Regulations, Second Title T	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occu application:  STATUS (a) and/or agent(s) to pros	ne prior United State knowledge the duty arred between the fill (patented/pending/abandon	es application in to disclose mai ing date of the
hereby claim the benefit under insofar as the subject matter of a manner provided by the first parainformation as defined in Title 37 application and the national or PC APPLICATION NUMBER  POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trade  Customer Nur	Title 35, United States Code, Steach of the claims of this applications agraph of Title 35, United States, Code of Federal Regulations, Second Title T	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occu application:  STATUS (a) STATUS (b) And (b) And (c) agent(s) to prose the Code (c) And (c) An	ne prior United State knowledge the duty arred between the fill (patented/pending/abandon secute this application)	es application in to disclose mai ing date of the
thereby claim the benefit under insofar as the subject matter of a manner provided by the first parainformation as defined in Title 37 application and the national or PC APPLICATION NUMBER  POWER OF ATTORNEY: As a named inventor, I hereby business in the Patent and Trade	Title 35, United States Code, Seach of the claims of this applica agraph of Title 35, United States, Code of Federal Regulations, So International filing date of this FILING DATE  appoint the following attorney(smark Office connected therewith mber 022879	ection 120 of any United ation is not disclosed in the Code Section 112, I ack ection 1.56(a) which occurapplication:  STATUS (a)  S) and/or agent(s) to prosite the Code Costomer Number Bar Code Label here	ne prior United State knowledge the duty bred between the fill (patented/pending/abandon secute this application one Calls To:	es application in to disclose mai ing date of the

imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name f Invent r	Cent D. Vincent	Citiz nship: USA	ŭ,
Residence:	Cupertino CA		
Post Office Address:	HP Labs, Legal MS4U-10, 1501 Page M	ill Rd., Palo Alto CA 94304	

メンク・レーー

1-11-02

## DECLARATION AND POWERS ATTORNEY FOR PATENT APPLICATION COntinued)

all full fine the second

Į4

The first of the first

inventor's Signature

Full Name of # 2 joint inventor:	Xia -An Zhang	Citizenship: USA			
Residence:	Sunnyvale CA				
	HP Labs. Legal MS4U-10, 1501 Page Mill Rd., Palo Alto CA 94304				
ZAN	to Ibn	Jan. 10, 2002			
inventor's Signature	- Office C	Date			
Full Name of # 3 joint inventor:	R. Stanley Williams	Citizenship: USA			
Residence:	Redwood City CA				
Post, Office Address:	HP Labs, Legal MS4U-10, 1501 Page Mill Rd., Palo Alto CA 94304				
Inventor's Signature	lans	Jan. 10, 2002			
inventor's Signature		Date			
J					
Full Name of # 4 joint inventor:	Philip J. Kuekes	Citizenship: USA			
Residence:	Menlo Park CA				
Post Office Address:	HP Labs, Legal MS4U-10, 1501 Page Mill Rd., Palo Alto CA 94304				
	20	JPN 10, 2002			
inventor's Signature		Date			
Full Name of # 5 joint inventor		Citizenship:			
Residence:					
Post Office Address:	****				
inventor's Signature		Date			
Full Name of # 6 joint inventor		Citizenship:			
Residence:					
Post Office Address:					
inventor's Signature		Date			
		Date			
Full Manner of at 7 John Linnson	_	Cilinamahina			
Full Name of # 7 joint inventor		Citizenship:			
Residence:					
Post Office Address:					
Inventor's Signature		Date			
-					
Full Name of #8 joint invento	r:	Citizenship:			
Residence:		- Container			
Post Office Address:					

Date